

2009 Pierce's Disease Research Symposium
December 9 – 11, 2009
<<< Symposium Program>>>

Wednesday, December 9

3:00 p.m. Registration Desk Opens (Hotel Lobby)
6:00 p.m. Registration Desk Closes

Thursday, December 10

7:40 a.m. Registration Desk Opens (Capitol Ballroom Foyer)
8:25 a.m. Call to Order (Capitol Ballroom, Salons C+D)
Bob Wynn
8:27 a.m. Welcome
Will Brown, Undersecretary, CDFA
Frank Carl, Agricultural Commissioner, Sacramento County
8:47 a.m. Opening Remarks
Bob Wynn
8:52 a.m. **GENERAL PRESENTATIONS**
(Capitol Ballroom, Salons C+D) --- *Moderator: Nancy Irelan*
8:55 a.m. Research Program Update
George Bruening, Ed Civerolo, Tom Esser, Nancy Irelan, and Beth Stone-Smith
9:25 a.m. PIPRA Update
Gabriel Paulino
9:45 a.m. PD/GWSS Outreach Update
Ken Freeze
9:55 a.m. **BREAK** (Capitol Ballroom Foyer)
10:15 a.m. **POSTER SESSION 1** (Capitol Ballroom, Salons A+B)
12:30 p.m. **LUNCH** (Capitol Ballroom, Salons C+D)

Thursday, December 10 (continued)

1:30 p.m. **SESSION 1: VECTOR BIOLOGY AND ECOLOGY**
(Capitol Ballroom, Salons C+D) --- *Moderator: Rodrigo Krugner*
Project Reports
1:35 p.m. Sequence Polymorphism of a Glassy-winged Sharpshooter Virus
Reveals a Recent Bottleneck in the Californian Population
Drake Stenger
1:55 p.m. Feeding Behaviors that Promote Inoculation of *Xylella fastidiosa* Are
Performed Less by Glassy-winged Sharpshooters on Resistant *Vitis*
candicans than on Susceptible *V. vinifera* cv. 'Chardonnay'
Elaine Backus
2:15 p.m. **SESSION 2: VECTOR MANAGEMENT**
(Capitol Ballroom, Salons C+D) --- *Moderator: Beth Stone-Smith*
Opening Presentation
2:20 p.m. Biological Control of the Glassy-winged Sharpshooter
David Morgan
2:40 p.m. Panel Discussion
Approaches to Managing the Glassy-winged Sharpshooter
David Morgan, Judy Stewart-Leslie, and Nick Toscano
Project Reports
3:50 p.m. RNA Interference Against the Glassy-winged Sharpshooter, a Vector of
Pierce's Disease of Grapevines
Cristina Rosa
4:10 p.m. Monitoring Techniques for Sharpshooter Parasitoids.
Donald Cooksey
4:30 p.m. **POSTER SESSION 2** (Capitol Ballroom, Salons A+B)
6:45 p.m. Poster Session Ends
6:50 p.m. Poster Room Closes

Friday, December 11

- 7:30 a.m. Registration Desk Opens (Capitol Ballroom Foyer)
- 8:00 a.m. **SESSION 3: PATHOGEN BIOLOGY AND ECOLOGY**
(Capitol Ballroom, Salons C+D) --- Moderator: *Tanja Voegel*
- 8:05 a.m. Panel Discussion

Factors that Mediate Attachment and Biofilm Formation by *Xylella fastidiosa* in Plants and Insects
Rodrigo Almeida, Alessandra A. de Souza, and Michele Igo
- Project Reports
- 9:15 a.m. *Xylella* Diagnostics: Finding Needles in Haystacks
Blake Bextine
- 9:35 a.m. Role of Type I Secretion in Pierce's Disease
Dean Gabriel
- 9:55 a.m. **BREAK** (Capitol Ballroom Foyer)
- 10:15 a.m. **SESSION 4: PATHOGEN AND DISEASE MANAGEMENT**
(Capitol Ballroom, Salons C+D) --- Moderator: *George Bruening*
- 10:20 a.m. Panel Discussion

Upcoming Field Trials of Promising Resistance Technologies
Abhaya Dandekar, David Gilchrist, John Labavitch, Steven Lindow, and Andrew Walker
- Project Reports
- 11:50 a.m. Biological Control of Pierce's Disease with *Xylella fastidiosa* EB92-1 in Vineyards with Different Rates of Disease Development
Donald Hopkins
- 12:10 p.m. Improved Transformation System for California Grapevine Rootstocks
Abhaya Dandekar
- 12:30 p.m. **LUNCH** (Capitol Ballroom, Salons C+D)

Friday, December 11 (continued)

- 1:30 p.m. **ROUNDTABLE DISCUSSIONS**
(Capitol Ballroom, Salons C+D) -- Moderator: *George Bruening*
Topics:
A. Targeted Research Objectives
B. How Much Vector Control Is Enough?
C. Efficacy of Predator Control of the Glassy-winged Sharpshooter
D. Source-dependent *Xylella fastidiosa* Alternative Forms
E. Anticipated Effects of Psyllid Eradication on Glassy-winged Sharpshooter and Its Natural Enemies
F. Open Topic
- 2:30 p.m. **SESSION 5: CROP BIOLOGY AND DISEASE EPIDEMIOLOGY**
(Capitol Ballroom, Salons C+D) --- Moderator: *Carmen Gispert*
- Project Reports
- 2:35 p.m. Xylem Structural Features and Systemic *Xylella* Spread
Qiang Sun
- 2:55 p.m. *Xylella fastidiosa* Ecology and Pierce's Disease Control Strategies: Should We Put All of Our Eggs in One Basket?
Rodrigo Almeida
- 3:15 p.m. **SESSION 6: ECONOMICS**
(Capitol Ballroom, Salons C+D) --- Moderator: *Carmen Gispert*
- Project Reports
- 3:20 p.m. The Benefits and Costs of Alternative Policies for the Management of Pierce's Disease
Julian Alston
- 3:40 p.m. **CLOSING**
(Capitol Ballroom, Salons C+D) --- Moderator: *Bob Wynn*
- 3:45 p.m. Report from Roundtable Discussions
George Bruening
- 3:55 p.m. Closing Comments
Bob Wynn
- 4:05 p.m. Adjournment